

# Himanshu Singh

Aspiring Machine Learning Engineer | NLP & Data Science Practitioner

Second-year Electronics and Communication Engineering student with strong skills in Machine Learning, NLP, and Data Science. Seeking an internship to apply problem-solving abilities and hands-on experience in building impactful projects.

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## EDUCATION

### Degree: BTech in Electronics and Communication Engineering

Institute: IIIT Una

07/2023 - 07/2027

CGPA: 8.64

### Class 12th (U.P. Board)

School : G.S.A.S Academy Harraiya , Basti

07/2022 - 02/2023

94.6 %

## PERSONAL PROJECTS

### Sentiment analysis on Movie reviews using LSTM RNN

- Built a model with 86% accuracy to classify positive and negative tweets.
- Preprocessed 160k tweets and used embedding layers for feature extraction.
- **Tools:** TensorFlow, keras , Pandas.

### Dog Breed Classification

- Built a CNN model to classify dog breeds from images.
- Achieved 88% accuracy on a public dataset.
- **Tools:** TensorFlow, OpenCV .

### Study Plan Chatbot

- Designed and implemented a chatbot using Dialogflow to assist users in creating personalized study plans. The bot efficiently handled user queries, recommended study schedules, and provided motivational tips.
- **Tools:** Dialogflow, Flask (for deployment).

## SKILLS

Programming & Tools:  
Python, C++, Git, GitHub

Web Development: Flask,  
HTML/CSS/JavaScript  
(Basic Level)

Libraries: TensorFlow, Keras,  
scikit-learn, NumPy, Pandas,  
Matplotlib, Seaborn

ML Concepts: Data  
Preprocessing, Visualization,  
Model Building, Evaluation

Tools & Platforms: Git and  
GitHub, Dialog flow

Data structure and  
Algorithms (DSA)

## ACHIEVEMENTS

LeetCode Rating: Achieved a rating of 1558 with 550+ questions.

CodeChef Rating: Maintained a rating of 1508 on CodeChef .

JEE Main Marks: Scored 96.3 percentile in 2023.

JEE Advanced Marks: scored 101 in JEE Advanced 2023

## LANGUAGES

Hindi  
Native or Bilingual Proficiency

English  
Professional Working Proficiency

## INTERESTS

Machine Learning

Competitive Coding Challenges

Natural Language processing